

August 1964

PHOTOGRAPHIC INTERPRETATION REPORT

I P I R

MISSION 3932

5 AUGUST 1964



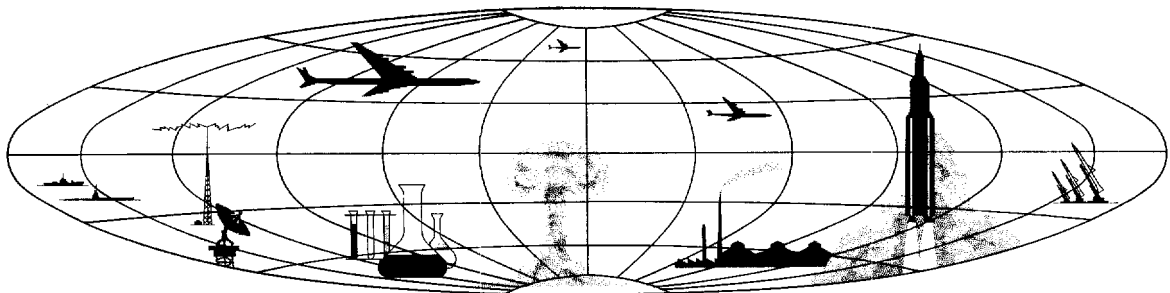
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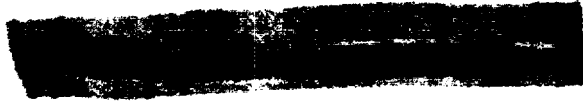


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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER





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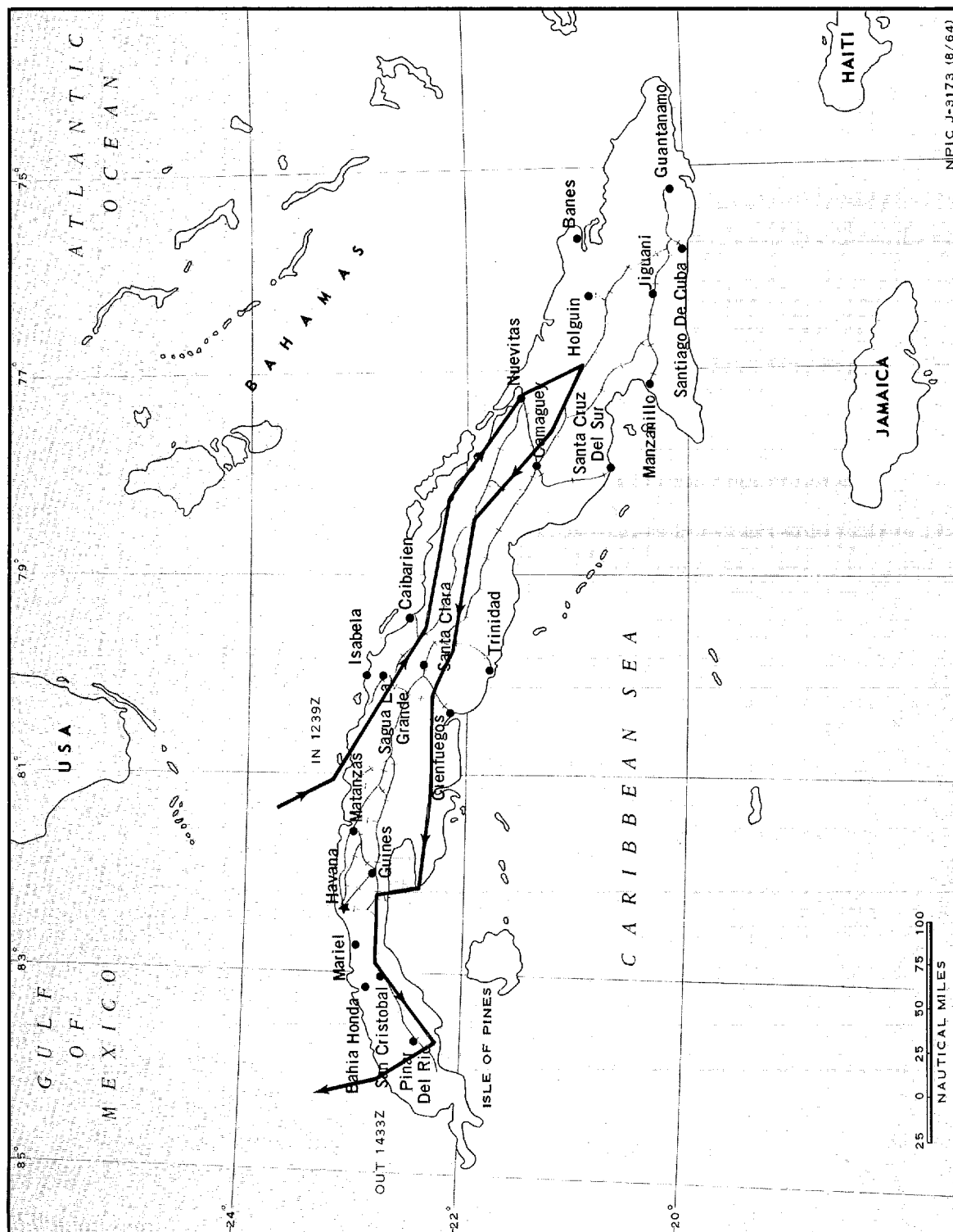
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [REDACTED] MISSION 3932, DATED 5 AUG 1964. THE NUMBER APPEARING AT THE BEGINNING OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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MISSION 3932, 5 AUGUST 1964

APPROXIMATE TRACK OF

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MISSILES

CAIBARIEN SAM SITE 2228N 07929W

SIX UNREVETTED CANVAS-COVERED LAUNCHERS, ONE CANVAS-COVERED MISSILE HOLD AREA, WITH 6 MISSILE TRANSPORTERS (3 WITH MISSILES), ONE CANVAS-COVERED PARKING AREA WITH 9 PROBABLE TRACKED PRIME MOVERS, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN PERMANENT FACILITIES. EIGHT LARGE NON-SOVIET TENTS, ONE MEDIUM SOVIET TENT, AND 2 SMALL TENTS OBSERVED.

25X1D

PINAR DEL RIO SAM ASSEMBLY AREA 2221N 08339W

TWENTY MISSILE TRANSPORTERS (3 WITHOUT PRIME MOVERS AND 10 CANVAS-COVERED), 6 FLATBED TRACTOR-TRAILER TRUCKS, 3 TRUCK TRACTORS, 5 CARGO TRUCKS, 2 UTILITY TRUCKS, AND NUMEROUS MISSILE CANISTERS OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

CIFUENTES SAM ASSEMBLY AREA 2236N 08005W

AT LEAST 10 MISSILE TRANSPORTERS, 2 OTHER VEHICLES, AND NUMEROUS MISSILE CANISTERS OBSERVED. FOLIAGE LIMITS INTERPRETATION.

25X1D

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

NINETEEN MISSILE TRANSPORTERS (3 WITHOUT PRIME MOVERS), 6 FLATBED TRAILERS, 3 TRUCK TRACTORS, 4 PROBABLE TRUCK-MOUNTED CRANES, 5 CARGO TRUCKS, 6 PROBABLE VAN TRUCKS, ONE TANK TRUCK, 6 OTHER VEHICLES, AND APPROXIMATELY 120 MISSILE CANISTERS OBSERVED. NO APPARENT CHANGE IN FACILITIES.

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CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

SIX UNREVETTED LAUNCHERS (3 CANVAS-COVERED), 7 CANVAS-COVERED MISSILE TRANSPORTERS, 12 TRACKED PRIME MOVERS, 7 TRUCK TRACTORS, 7 CARGO TRUCKS, ONE TRUCK-MOUNTED CRANE, 2 VAN TRUCKS, 2 UTILITY TRUCKS, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS, AND OTHER CANVAS-COVERED EQUIPMENT OBSERVED. TWO ADDITIONAL LAUNCHERS, ONE FAN SONG RADAR, 6 VAN TRUCKS, AND 5 VAN TRAILERS REMAIN ADJACENT TO RING ROAD. THE TWO 3-GUN AAA SITES REMAIN OCCUPIED. NO APPARENT CHANGE IN FACILITIES.

25X1D

MAJANA SAM SITE 2241N 08249W

SIX UNREVETTED LAUNCHERS, 3 CANVAS-COVERED MISSILE TRANSPORTERS, 8 TRACKED PRIME MOVERS, 5 CARGO TRUCKS, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND AT LEAST 4 VAN TRAILERS. NO APPARENT CHANGE IN FACILITIES.

25X1D

LA COLOMA SAM SITE 2 2219N 08334W

SIX UNREVETTED LAUNCHERS (2 CANVAS-COVERED), 5 MISSILE TRANSPORTERS (2 CANVAS-COVERED), 14 TRACKED PRIME MOVERS, 3 VAN TRAILERS, AT LEAST 4 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED. THE TWO 3-GUN AAA SITES REMAIN UNOCCUPIED. FACILITIES INCLUDE 7 LARGE TENTS (6 NON-SOVIET), 4 MEDIUM NON-SOVIET TENTS, AND ONE SMALL TENT.

25X1D

LA SALUD SAM SITE 2253N 08224W

SIX UNREVETTED LAUNCHERS (3 WITH MISSILES AND 2 CANVAS-COVERED), 3 MISSILE TRANSPORTERS (ONE WITH EXPOSED MISSILE AND 2 CANVAS-COVERED), 2 CANVAS-

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COVERED HOLD AREAS, 10 CANVAS-COVERED TRACKED PRIME MOVERS, ONE CARGO TRUCK, 5 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.

TWO ADDITIONAL LAUNCHERS, A FAN-SONG RADAR, 6 VAN TRUCKS (5 NET COVERED), 3 VAN TRAILERS, AND 2 OTHER VEHICLES OR PIECES OF EQUIPMENT REMAIN IN THE SUPPORT AREA.

NO APPARENT CHANGE IN FACILITIES.

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SANTA CLARA SAM SITE 2229N 08000W

SIX UNREVETTED LAUNCHERS (ONE WITH MISSILE AND 3 CANVAS-COVERED), 4 MISSILE TRANSPORTERS, AT LEAST 13 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT. TWO ADDITIONAL SA-2 LAUNCHERS, 7 VAN TRUCKS, AND 3 VAN TRAILERS OBSERVED BETWEEN LAUNCH POSITION AND PARKING AREA.

NO APPARENT CHANGE IN FACILITIES.

25X1D

GUARA SAM SITE 2248N 08213W

SIX UNREVETTED LAUNCHERS (3 WITH MISSILES), ONE HOLD AREA WITH 6 CANVAS-COVERED MISSILE TRANSPORTERS (4 WITHOUT PRIME MOVERS), 11 TRACKED PRIME MOVERS, 2 TRUCK-TRACTORS, 7 CARGO TRUCKS, 2 PROBABLE UTILITY TRUCKS, AND A GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR AND 3 GROUPS OF CANVAS-COVERED EQUIPMENT OBSERVED.

FACILITIES INCLUDE 4 BARRACKS, ONE PROBABLE VEHICLE MAINTENANCE BUILDING, ONE SHED, 2 LARGE TENTS (ONE NON-SOVIET), AND 4 MEDIUM NON-SOVIET TENTS.

25X1D

NUEVITAS SAM SITE 2 2132N 07717W

SIX UNREVETTED CANVAS-COVERED LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, 12 TRACKED PRIME MOVERS (8 CANVAS-COVERED), 4 PROBABLE TRUCK TRACTORS,

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2 CARGO TRUCKS, 3 OTHER VEHICLES OR PIECES OF EQUIPMENT, AND A GUIDANCE AREA WITH RADAR, 3 VAN TRAILERS, AND NET- AND CANVAS-COVERED EQUIPMENT OBSERVED.

THE 6 ADDITIONAL LAUNCHERS REMAIN IN THE SUPPORT AREA. THE 3-GUN AND 6-GUN AAA SITES REMAIN OCCUPIED.

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MATA SAM SITE 2235N 07955W

SIX UNREVETTED LAUNCHERS (2 WITH MISSILES), 7 MISSILE TRANSPORTERS (2 CANVAS-COVERED), 11 CANVAS-COVERED TRACKED PRIME MOVERS, ONE PROBABLE VAN TRUCK, ONE PROBABLE TRUCK-MOUNTED CRANE, 3 VAN TRAILERS, 3 CANVAS-COVERED VEHICLES OR PIECES OF EQUIPMENT, AND A GUIDANCE AREA WITH RADAR AND 6 VAN TRAILERS OBSERVED.

FACILITIES INCLUDE 11 LARGE TENTS (8 NON-SOVIET), AND ONE APPROXIMATELY 120- BY 25-FOOT BUILDING UNDER CONSTRUCTION.

25X1D

SAN DIEGO DEL VALLE SAM SITE 2232N 08003W

SIX UNREVETTED LAUNCHERS (2 WITH MISSILES), 5 CANVAS-COVERED MISSILE TRANSPORTERS, 12 TRACKED PRIME MOVERS, 6 OTHER VEHICLES, 2 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, AT LEAST 4 CANVAS-COVERED VAN TRAILERS, AND OTHER CANVAS-COVERED EQUIPMENT OBSERVED.

NO APPARENT CHANGE IN FACILITIES.

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AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

AIRCRAFT -- 24 FAGOT/FRESCO, ONE PROBABLE FAGOT/FRESCO, 8 HOUND (3 WITHOUT ROTORS), AND ONE PROBABLE MORAVA L-200.

AIRCRAFT SHIPPING CRATES -- 13 PROBABLE FAGOT/FRESCO, 9 PROBABLE HOUND, AND 4 HELICOPTER-ASSOCIATED.

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CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

AIRCRAFT -- ONE CRATE, ONE COLT, 2 TWIN-ENGINE LIAISON, AND 2 SINGLE-ENGINE LIAISON.

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SAN ANTONIO DE LOS BANDOS AIRFIELD 2252N 08230W

AIRCRAFT -- 34 FISHBED, 8 FARMER, 7 FAGOT/FRESCO, AND ONE HOUND.
ONE AIRCRAFT SHIPPING CRATE REMAINS ON THE NORTH SIDE OF THE AIRFIELD.

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JOSE MARTI INTERNATIONAL AIRFIELD 2259N 08224W

OPERATIONS AREA -- ONE CLEAT, 2 BRITANNIA, ONE CUB, ONE COOT, ONE CONSTELLATION, 3 CRATE, 2 C-47, ONE PROBABLE C-46, AND ONE LIAISON.
MAINTENANCE AREA -- ONE B-26, 3 CONSTELLATION, 2 C-54, 2 C-46, AND 2 UNIDENTIFIED AIRCRAFT.

25X1D

CAMPO LIBERTAD AIRFIELD 2305N 08226W

AIRCRAFT -- 6 PROBABLE CRATE, 4 PROBABLE C-46/47, 5 PROBABLE CRATE FUSELAGES, AND NUMEROUS LIAISON.
OBLIQUITY LIMITS INTERPRETATION.

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PINAR DEL RIO AIRFIELD 2225N 08340W

AIRCRAFT -- 4 COLT.

25X1D

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CAIBARIEN AIRFIELD 2230N 07928W

AIRCRAFT -- 3 HOUND AND ONE LIAISON.

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NAVAL ACTIVITY/PORTS

NUEVITAS PORT 2132N 07715W

VESSELS -- 5 LARGE FREIGHTERS.

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CAIBARIEN PORT 2231N 07928W

NO LARGE VESSELS OBSERVED.
INCOMPLETE PHOTOGRAPHIC COVERAGE.

25X1D

CARDENAS PORT 2302N 08111W

VESSELS -- 2 LARGE FREIGHTERS.

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SURGIDERO DE BATABANO PORT 2241N 08217W

A FERRY BOAT IS BERTHED AT THE PIER. A GROUP OF VEHICLES, EXTENDING FROM THE END OF THE PIER WELL INTO TOWN, CONSISTS OF 2 TRACTOR-TRAILER TANK TRUCKS, ONE PROBABLE TRACTOR-TRAILER TANK TRUCK, 43 CARGO TRUCKS, ONE TANK TRUCK, 2 SEDANS, 9 OTHER VEHICLES, AND 11 CARGO TRAILERS.

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ELECTRONICS/COMMUNICATIONS

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BEJUCAL FIELD COMMUNICATIONS CENTER 2255N 08222W

NO APPARENT CHANGE IN PERMANENT FACILITIES.
TWELVE LARGE TENTS (9 NON-SOVIET), ONE MEDIUM NON-SOVIET TENT, AND APPROXIMATELY 60 UNIDENTIFIED VEHICLES OBSERVED.

25X1D

MILITARY ACTIVITY

PINAR DEL RIO MILITARY CAMP 2223N 08342W

NO APPARENT CHANGE IN FACILITIES.
NO VEHICLES OBSERVED.

25X1D

LA FLORA MILITARY STORAGE AREA 2252N 08233W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-ONE PROBABLE TANKS/SP GUNS AND APPROXIMATELY 25 OTHER VEHICLES.

25X1D

ARTEMISA MILITARY CAMP 2250N 08248W

NO APPARENT CHANGE IN FACILITIES.
SEVEN PROBABLE TANKS/SP GUNS, APPROXIMATELY 50 UNIDENTIFIED VEHICLES, AND 10 POSSIBLE FA PIECES OBSERVED.
THE 6-GUN AAA SITE REMAINS OCCUPIED AND THE 9-GUN AAA SITE IS UNOCCUPIED.
FOLIAGE AND SHADOWS LIMIT INTERPRETATION.

25X1D

CAMAGUEY MILITARY CAMP COUNTRY CLUB 2121N 07751W

NO APPARENT CHANGE IN FACILITIES.
FOUR VAN TRUCKS, 44 OTHER VEHICLES, 2 TOKEN-TYPE

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RADAR, ONE FLATFACE RADAR, AND ONE ROCK CAKE/STONE
CAKE RADAR OBSERVED.

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REMEDIOS MILITARY AREA 2227N 07935W

MAIN CAMP -- FACILITIES INCLUDE 29 LARGE TENTS
(19 NON-SOVIET), AND 7 MEDIUM NON-SOVIET TENTS. ONE
BRDM APC, 220 CARGO TRUCKS, 3 VAN TRUCKS, ONE TANK
TRUCK, 30 UTILITY TRUCKS, 11 UNIDENTIFIED VEHICLES,
3 CARGO TRAILERS, 4 FA PIECES, AND 8 AAA PIECES
OBSERVED.

CAMP 0.8 NM NW -- FACILITIES INCLUDE 7 LARGE AND
2 MEDIUM NON-SOVIET TENTS.

25X1D

CAMAGUEY MILITARY CAMP 2126N 07753W

NO APPARENT CHANGE IN FACILITIES.
FORTY-FOUR CARGO TRUCKS, 4 UTILITY TRUCKS, 25 FA
PIECES, AND 16 MORTARS OBSERVED.

25X1D

MANAGUA MILITARY CAMP 2258N 08217W

AIRCRAFT -- 12 PROBABLE HOUND AND ONE POSSIBLE HARE.
NUMEROUS UNIDENTIFIED VEHICLES SCATTERED THROUGHOUT
AREA.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

MATAGUA MILITARY CAMP 2215N 08002W

NO APPARENT CHANGE IN FACILITIES.
THREE UNIDENTIFIED VEHICLES OBSERVED.

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JURAGUA MILITARY ACTIVITY 2209N 08035W

AT LEAST 25 PROBABLE CARGO TRUCKS AND 18 PROBABLE
FA PIECES OBSERVED.
INCOMPLETE PHOTOGRAPHIC COVERAGE.

25X1D

ALTAGRACIA MILITARY AREA 2123N 07742W

NO APPARENT CHANGE IN FACILITIES.
TWO UNIDENTIFIED VEHICLES OBSERVED.

25X1D

ANTON RECIO MILITARY INSTALLATION 2211N 08036W

NO APPARENT CHANGE IN FACILITIES.
NINETEEN TANKS/SP GUNS, 4 CARGO TRUCKS, AND 2 OTHER
VEHICLES OBSERVED.
THE 6-GUN AAA SITE REMAINS OCCUPIED. EIGHTEEN CARGO
TRUCKS AND AT LEAST 10 PROBABLE FA/AAA PIECES
OBSERVED.

25X1D

HEREDIA MILITARY CAMP 2134N 07800W

MAIN CAMP -- FACILITIES INCLUDE ONE BUILDING,
7 LARGE NON-SOVIET TENTS, AND ONE CANVAS-COVERED
EQUIPMENT AREA. TWENTY-ONE TANKS/SP GUNS, 4 CARGO
TRUCKS, ONE VAN TRUCK, ONE UTILITY TRUCK, 2 OTHER
VEHICLES, AND 2 SMALL CARGO TRAILERS OR AAA.
CAMP 0.5 NM NE -- FACILITIES INCLUDE 3 LARGE
BUILDINGS, 8 OTHER BUILDINGS, ONE RIGID-FRAME TENT,
2 LARGE NON-SOVIET TENTS, AND A SMALL-ARMS RANGE.
FOUR CARGO TRUCKS, ONE UTILITY TRUCK, AND 3 FA PIECES
OBSERVED. OCCUPIED 3-GUN AAA SITE LOCATED AT UTM

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(AMS E723, SHEET 4680 IV, 2D ED.)

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

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SAN CRISTOBAL MRBM SITE 3	2242N 08308W
SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
SAN CRISTOBAL MRBM SITE 4	2246N 08258W
SAGUA LA GRANDE SAM SITE	2251N 08005W
DELEITE SAM SITE	2259N 08045W
MARTI AREA ARMOR TRAINING AREA	2258N 08059W
SPECIAL AREA ALPHA WHITE	2259N 08225W
SPECIAL AREA BRAVO BLUE	2253N 08232W
SPECIAL AREA BRAVO RED	2254N 08228W
MANAGUA AMMUNITION STORAGE AREA	2257N 08218W
SANTA CLARA MILITARY CAMP CUBANACAN	2224N 07952W
VARADERO LANDING BEACH	2308N 08118W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED--

25X1A

GUANAJAY IRBM SITE 1	2257N 08239W
SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA	2257N 08221W
MANAGUA SAM SITE	2259N 08215W
TORRENS SAM ASSEMBLY AREA	2257N 08227W
SANTIAGO DE LAS VEGAS MILITARY CAMP	2258N 08220W
TORRENS MILITARY COMPLEX	2259N 08227W
NAZARENO MILITARY CAMP	2257N 08213W
GUANABACOA MILITARY AREA	2307N 08215W
HAVANA MILITARY CAMP CALABAZAR	2300N 08218W
ZARAGOZA AREA MILITARY CAMP	2256N 08204W
EL CHICO MILITARY AREAS	2300N 08226W
SAN JOSE DE LAS LAJAS STORAGE	2258N 08212W
EL CRIOLLO MILITARY CAMP	2259N 08225W
CANTEL MILITARY CAMP	2302N 08119W
LOMAS TETAS DE MANAGUA TANK PARK	2258N 08219W
MINAS MILITARY CAMP	2127N 07734W
GUAYABAL MILITARY CAMP	2254N 08237W
SANTIAGO DE LAS VEGAS MILITARY CAMP SOUTH	2257N 08223W
SAN FRANCISCO DE PAULA AMMO STORAGE AREA	2303N 08218W
BEJUCAL AMMUNITION STORAGE	2256N 08223W
PARCELACION MODERNA PROBABLE ORDNANCE DEPOT	2302N 08218W

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